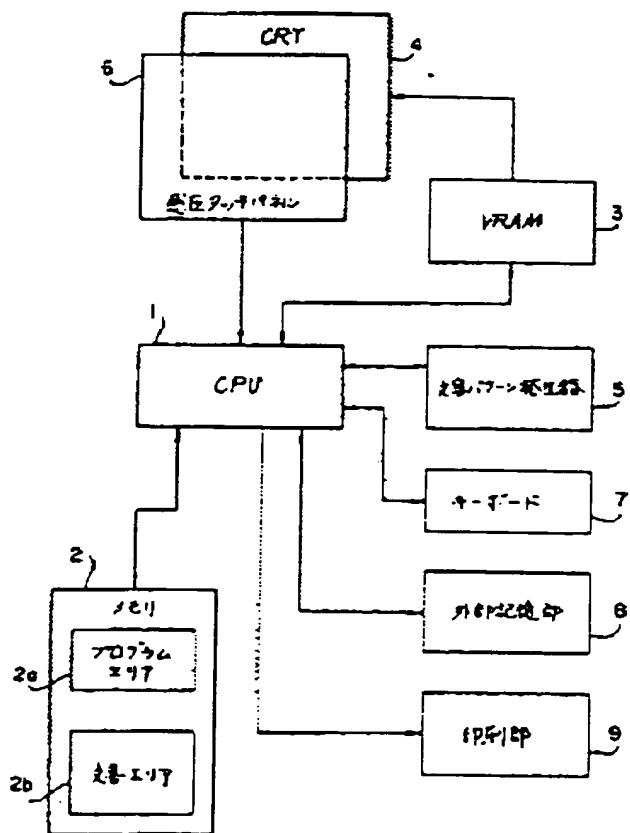Application no/date: 1987-283177[1987/11/11]
Date of request for examination: [   ]
Public disclosure no/date: 1989-125656[1989/05/18]
Examined publication no/date (old law):   [   ]
Registration no/date: [   ]
Examined publication date (present law):   [   ]
PCT application no
PCT publication no/date   [   ]
Applicant: CANON INC
Inventor: FURUYA YOJI, INOUE TADASHI, YASUDA MASANAO
IPC: G06F 15/20   ,301   G09G 1/00   G09G 1/00
  G09G 1/00
FI: G06F 15/20   ,534J G06F 15/20   ,301H G09G 5/24
  G09G 5/26   G09G 5/32   G09G 5/32   ,640Z G06F 17/21   ,562M
F-term: 5B009NA03,NB01,NB11,NF02,RA07,RC08,5C082AA14,AA22,AA24,AA32,AA37,
  BA03,BB15,BB22,BB32,CA36,CA38,CA40,DA01,DA54,DA64,DA87,MM05
Expanded classification: 454,449
Fixed keyword: R131,R139
Citation:
Title of invention: DOCUMENT PROCESSOR

Abstract:
    PURPOSE: To obtain the documents displayed on a display device in the
    form of the printed result by using a display device which displays
    the noticed lines with spaces set based on the maximum vertical width
    detected by a detector.
    CONSTITUTION: A keyboard 7 produces the height C_n set against the reference
    character height. Then a CPU 1 detects the maximum height C_m of the
    characters of a line used for evolution. The comparison is carried
    out between both heights C_m and C_n. In the case $C_n \leq C_m$, that is,
    when it is decided that the height of a character pattern does not
    exceed the maximum height of the noticed lines, a produced character
    pattern is evolved in the line pitch set before evolution. While a
    new line pitch is calculated for execution of the pattern evolution
    in the case of $C_n > C_m$. The difference Δl of the C_n is calculated
    to the reference character height and a new line pitch L is obtained
    by adding the difference Δl to a reference line pitch. Then
    the character patterns in the noticed lines including a character
    pattern produced based on the pitch L are evolved to a VRAM 3 and
    displayed on a CRT 4 in the form of the printed result.

BEST AVAILABLE COPY

```
CRT        4
5
              VRAM    3
        盛丘ﾂｯﾁﾊﾟﾈﾙ

1
   CPU      え9,ﾜ-ﾝ死13る  5

           ｷ-ｲﾞｰﾄﾞ     7

2
   ﾒﾋﾘ       ﾌ6ﾄｰ亡逑印   8
2a  ﾌﾛｸﾞﾗﾑ
    ｴﾘｱ
           IPｼｰﾄ印      9
2b  え#ｴﾘｱ
```

Priority country/date/number: ( ) [   ] (   )
Classification of examiners decision/date: () [   ]
Final examinational transaction/date: (withdrawal by no request for examination)
[1995/02/21]
Examination intermediate record:
  (A63   1987/11/11,PATENT APPLICATION UTILITY MODEL REGISTRATION APPLICATION,14000:
)
  (A23   1987/12/ 4,NOTICE OF APPLICATION NUMBER,   :)
  (A7D2   1993/ 3/17,NOTIFICATION OF LUMP CHANGE IN DOMICILE (REPRESENTATIVE),   :)
  (A7D2   1993/ 3/17,NOTIFICATION OF LUMP CHANGE IN DOMICILE (REPRESENTATIVE),   :)
  (A300   1995/ 2/ 9,MAKING OF FILE WRAPPER EXTRACTION LIST OF UNREQUEST FOR
EXAMINATION,   :)

*** Trial no/date   [   ] Kind of trial [] ***
  Demandant: -
  Defendand: -
  Opponent: -
  Classification of trial decision of opposition/date: () [   ]
  Final disposition of trial or appeal/date: () [   ]
  Trial and opposition intermediate record:

Registration intermediate record:

Amount of annuities payment: year
Lapse date of right: [;
Proprietor: -